

Remarks

In response to the Office Action mailed on January 25, 2007, the Applicants sincerely request reconsideration in view of the above amendments to the claims and the following remarks. The claims as presented are believed to be in allowable condition.

Claims 2-5, 7-19 and 21-23 are currently pending in the present application, and have also been rejected. Claims 2-4, 22, 27, 20, and 21 have been amended. No new matter is added by the amendments.

Objection to the Abstract

The abstract is objected to for exceeding 150 words. A replacement abstract is provided with this response.

Claim Rejections Under 35 U.S.C. § 112

Claims 2-10 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which has not been described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is mostly nearly connected, to make and/or use the invention.

Amended independent claim 3 recites a computer-readable medium which stores a set of instructions which when executed performs a method for creating, editing and/or viewing an electronic document, actions on a string of text or data in the electronic document, where the instructions include “receiving a text string that includes at least one annotated portion and at least one unannotated portion with markup language data in a recognizer dynamic link library (DLL)”, “parsing markup language data associated with the at least one annotated portion to assist the recognizer DLL to determine one or more labels for the at least one unannotated portion of the text string”, and “transmitting the text string and the markup language data associated with the least one annotated and the at least one unannotated portions to a plurality of action plug-ins.”

The amendments are supported by the Specification (page 4, lines 4-20), which also includes two example scenarios. The amended claim 3 and its dependent claims are thus

described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is mostly nearly connected, to make and/or use the invention. Therefore, the Applicants respectfully request the rejection be withdrawn.

Claims 2-10 are also rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Applicants respectfully submit that the amended features of claim 3 do not contradict. Therefore, claims 2-10 are in condition for allowance.

Claim Rejections Under 35 U.S.C. § 102

Claims 2-5, 7-19, and 21-23 are rejected under 35 U.S.C. 102(a) as being anticipated by *Hyunh et al.*, hereinafter Huynh, (U.S. Publication No. 2002/0198909, 12/26/2002).

Amended independent claim 3 recites a computer-readable medium which stores a set of instructions which when executed performs a method for creating, editing and/or viewing an electronic document, actions on a string of text or data in the electronic document, where the instructions include, *inter alia*, “receiving a text string that includes at least one annotated portion and at least one unannotated portion with markup language data in a recognizer dynamic link library (DLL)”, “parsing markup language data associated with the at least one annotated portion to assist the recognizer DLL to determine one or more labels for the at least one unannotated portion of the text string”, and “transmitting the text string and the markup language data associated with the least one annotated and the at least one unannotated portions to a plurality of action plug-ins.”

According to amended claim 3, the recognizer DLL is assisted in determining one or more labels for an unannotated portion of the text string by parsing markup language data associated with the annotated portion of the string. For example, an unannotated ZIP code adjacent to an address may be annotated with a “ZIP code” label based on the “city” and “state” labels next to the ZIP code that have already been associated with the corresponding words (See Specification: page 4, lines 4-20).

Amended independent claim 11 recites a method for labeling a string of text in an electronic document as the electronic document is created in an application program module that

includes, *inter alia*, “as a string of text having an associated one or more Extensible Markup Language (XML) elements is entered into the electronic document, determining whether the string of text matches one of a plurality of stored strings” and “if the string of text does not match one of a plurality of stored strings, determining whether the one or more XML elements associated with the string of text is associated with a label for use with the entered string of text utilizing at least one label associated with another string in the electronic document.”

Amended independent claim 21 recites a system for providing helpful actions on a string of text in an electronic document as the string is entered into the electronic document that includes, *inter alia*, “an action dynamically linked library connected to the application program module operative to provide one or more actions associated with one or more markup language elements applied to the string of text”, “a namespace library associated with the application program module for providing one or more equivalent markup language elements that have been designated as equivalent to the one or more markup language elements applied to the string of text in the electronic document”, and “at least one recognizer dynamically linked library for providing semantic labeling to one or more portions of the string of text based on the one or more markup language elements applied to the string of text and based on one or more markup language elements associated with other strings of text in the electronic document.”

In contrast with the above described features of amended claims 3, 11, and 21, *Hyunh* discloses “[T]he paragraph is passed to the recognizer plug-ins. The recognizer plug-ins are executed on the paragraph to recognize keywords or perform other actions defined by the recognizer plug-in. As part of executing the recognizer plug-in, the paragraph or cell value may be broken into sentences by the recognizer plug-in. However, each recognizer plug-in is responsible for its own sentence-breaking. After the keywords are found, the results from each of the recognizer plug-ins are received by the recognizer DLL. The results from the recognizer plug-ins are compiled into semantic categories by the recognizer DLL and the semantic categories are sent to the application program module. The application program module displays the semantic categories to the user in the electronic document” and “the media object data is passed to the recognizer plug-ins. The media object data may include the media object itself, a pointer to the media object, and metadata about the media object, such as a set of properties for the media object. The recognizer plug-ins are executed on the media object data to recognize semantic information or perform other actions defined by the recognizer plug-in. The recognizer

plug-in may use the media object data to obtain additional semantic information about the media object. After the semantic information for the media object is found, the results from each of the recognizer plug-ins are received by the recognizer DLL. The results from the recognizer plug-ins are compiled into semantic categories by the recognizer DLL and the semantic categories are sent to the application program module. The application program module displays the semantic categories to the user in the electronic document" (*Hyunh*, par. 12).

Thus, *Hyunh* does not anticipate, teach, or suggest the above described features of the Applicants amended claims 3, 11, and 21. Therefore, amended claims 3, 11, and 21 are in condition for allowance. Notice to that effect is respectfully requested.

Claims 2, 4, 5, 7-10 depend from claim 3; claims 12-20 depend from claim 11, and claims 22-23 depend from claim 21 with additional features. Therefore, claims 2, 4-5, 7-10, 12-20, and 22-23 are allowable for at least the reasons discussed above.

CONCLUSION

Applicants respectfully request that this Amendment be entered by the Examiner, placing the claims in condition for allowance. Applicants respectfully submit that the proposed amendments of the claims do not raise new issues or necessitate the undertaking of any additional search of the art by the Examiner, since all of the elements and their relationships claimed were either earlier claimed or inherent in the claims as examined. Therefore, this Amendment should allow for immediate allowance of all pending claims by the Examiner.

Please grant any extensions of time required to enter this amendment and charge any additional required fees to our Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD



Date: July 23, 2007

Carl K. Turk
Reg. No. 59,675

Merchant & Gould, LLC
P.O. Box 2903
Minneapolis, Minnesota 55402-0903
Telephone: 404.954.5100

27488

PATENT TRADEMARK OFFICE